10:58am From-Dec-29-03

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P.002/007 F-750 T-997

Attorney's Docket No. 038190/272377

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re:

Vasey-Glandon et al.

Group Art Unit:

2123

Appl. No.: 09/987,452

Confirmation No.:

6920

DEC 2 4 2003

Filed:

November 14, 2001

For:

KNOWLEDGE DRIVEN COMPOSITE DESIGN

OPTIMIZATION PROCESS AND SYSTEM THEREFOF

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

REVOCATION OF POWER OF ATTORNEY AND NEW POWER OF ATTORNEY BY ASSIGNEE

Assignee hereby revokes all powers of attorney previously granted with respect to the above-identified patent application, and appoints the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and directs that all correspondence be addressed to that Customer Number:

Customer Number 00826

with full power of substitution and revocation to transact all business in the Patent and Trademark Office in connection therewith.

Please direct telephone calls to the attention of:

Keith Roberson Registration No. 52,171 Tel Charlotte Office (704) 444-1000 Fax Charlotte Office (704) 444-1111

Assignee hereby elects under 37 C.F.R. § 3.71 to prosecute this patent application and certifies that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of an assignment from the inventors of the patent application identified above. The assignment was mailed for recording on November 14, 2001, with the original patent application. However, the recording information has not been received. A copy of the assignment is attached.

Dec-29-03 10:58am From-

In re: Vasey-Glandon et al. Appl. No.: 09/987,452 Filed: November 14, 2001 Page 2

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the Assignee.

MCDONNELL DOUGLAS CORPORATION

By:

Patricia A. Ford

Title: Assistant Secretary of McDonnell Douglas Corporation

Date: <u>12 Dec 2003</u>

ATTACHMENT: (ASSIGNMENT AND COVER SHEET SENT

FOR RECORDING WITH ORIGINAL PATENT APPLICATION)

CUSTOMER No. 00826
ALSTON & BIRD LLP
Bank of America Plaza
101 South Tryon Street, Suite 4000
Charlotte, NC 28280-4000
Tel Charlotte Office (704) 444-1000
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CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to the U.S. Patent and Trademark Office to Fax No. (703) 872-9396 on the date shown below.

CLT01/4623399v1

'Docket No.: D-3988CIP

FORM PTO-1595 (Modified) (Rev. 02-01)	RECORDATION FOR	RM COVER S	SHEET	U.S. DEPARTMENT	
OMB No. 0551-0027 (exp \$/31/2002) POB/REV03	PATENT	S ONL'	Y	Patent and	Trademark Office
Tab settings → → ▼	▼	V		▼	▼
To the Honorable Commissioner of Pater	nts and Trademarks: F	Please record	the attached origin	nal documents or o	copy thereof.
Name of conveying party(ies): Virginia M. Vasey-Glandon Duane Kunkee		2. Name and	d address of received addr	ing party(ies):	TION
Additional names(s) of conveying party(ies)	☐ Yes 🖾 No	<u>*</u>			
3. Nature of conveyance;					
	Merger	Street Add	dress: P.O. BOX 5	316	
☐ Security Agreement ☐ C	Change of Name		· · · · · · · · · · · · · · · · · · ·		
Other		City: ST. I	LOUIS	State: MO	ZIP: 63166
Execution Date: May 24, 2002		Additional nar	me(s) & address(es)	attached?	⊠ No
4. Application number(s) or patent numbers	s(s):				
If this document is being filed together wi	ith a new application, t	he execution	date of the applica	ition is:	
A. Patent Application No.(s)	1	B. P:	atent No.(s)		
09/987,452	ditional numbers attache	ed? 🔲 Yes	s ⊠ No		·
Name and address of party to whom corr concerning document should be mailed:	'espondence	6. Total num	ber of applications	and patents involv	red: 1
Name: Raymond H. J. Powell, Jr.	-	7. Total fee (37 CFR 3.41):	\$ 40.00	
Internal Address:			sed - Any excess or ed or debited to dep		uld be
		Author Author	rized to be charged	to deposit accour	ıt
Street Address: WESTERLUND · POWI	ELL, P.C.	8. Deposit ac	count number:		
100 Daiogerfield Rd., Suite 100		16-2372			
City: Alexandria State: V	'A ZIP: 22314	(Attach dup	olicate copy of this page	e if paying by deposit a	ccount)
9. Statement and signature. To the best of my knowledge and belief, to of the original document. Raymond H. J. Powell, Jr.				ttached copy is a many 30, 2002	true copy
Name of Person Signing AGF 4/7 * RCVD AT 12/29/2003 11:02:02 AM (Fastern Standar	•	Signature .	T Mn MOTTAN (mn	. Date	

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignce)			Docket No. D-3988C11	
This is an A	signment of the following rights, tit	ile and interest: (check all that apply):		
X	United States of America rights, ti	tle and interest in the invention		
X	Foreign rights, title and interest in the invention			
X	United States Patent Application Serial No. 09/987,452			
	Date of Execution: Date of Filling: November 14, 2001			
\boxtimes	United States Provisional Patent Application Serial No. 60/248,214			
	United States Patent No(s).			
	International (PCT) Patent Application Serial No.			
	Other (specify)			
Title of the I	nyantian			
		OPTIMIZATION PROCESS AND SYSTEM THEF	REFOR	
inventors (a.	ssignors)		· · · · · · · · · · · · · · · · · · ·	
	Name	Address		
Virginia M.	Vasey-Glandon	38 Miralcair Drive, Florissant, MO, 63031, U	SA	
Duane Kun	kee	3896 Delmonico Drive, Florissant, MO, 6300	34, USA	
Assignee				
Assignee	Name	.4 ddress		
Assignee MCDONNE	Name LL DOUGLAS CORPORATION	.4ddress P.O. Box 516 St. Louis, Missouri, U.S.A. 63166-0516		

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. D-3988CIP

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) und/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date				
Virginia M. Vasey-Glandon	Signature/Date Ungun M Visightlanda 34. Negas				
Duane Kunkee	()				
	·				

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. D-3988CIP

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) und/or patent(s) (hereinafter referred to as "Invention");

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And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date			
Virginia M. Vasey-Glandon				
Duane Kunkee	Duane Kunker	5/23/02		

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T-997 P.001/007DEE-753 9 2003



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